

General information, technical data

HERZ-Thermostatic valves

Thermostatic heads and valves marked with the CENCER mark of conformity in the HERZ-Product Range have been tested according to EN 215.

The maximum permissible differential pressure for all HERZ-Thermostatic valves is 0.6 bar, with the exception of dimensions 3/4 and 1 with 0.4 bar and HERZ-TS-90-E and HERZ-TS-E with 0.2 bar.

In order to reduce noise during operation the differential pressure should be determined in accordance with the "VDMA Instruction Sheet for Planning and Hydraulic Balancing of Heating Systems with Thermostatic Radiator Valves" (max. 0.2 bar).

Universal models

HERZ-Radiator valves and threaded radiator connections of sizes 3/8 – 3/4 are universal models with special sockets, except HERZ-TS-E and HERZ-RL-1-E. They are suitable for connecting threaded pipes with a pipe thread and copper, soft steel or plastic pipes, the latter three by means of a compression union.

The same applies to STRÖMAX, STRÖMAX-D, STRÖMAX-M, STRÖMAX-R 1/2. A special adapter is available for dimension 3/4.

The corresponding tables show the wide variety of compression unions.

Standard models

HERZ-AS and radiator connections 1 and 1¼, HERZ-TS-valves 1, as well as HERZ-TS-E-valves are standard models with threaded sockets for threaded pipes.

Nickel-plated and Brass Versions

Unless otherwise stated, HERZ-Fittings and HERZ-Distributor connection systems are supplied with a nickel-plated surface.

Pipe fittings are mainly installed in boiler houses or in riser mains. Unless otherwise stated, these valves are supplied in brass version.

Technical Data for all HERZ-Fittings

Maximum operating temperature TS 120 °C
Maximum operating pressure PS 10 bar

These values are valid unless otherwise stated in the article description.

Hot water quality according Austrian Standard ÖNORM H 5195 and/or VDI-Regulation 2035.

Storage temperature (not installed) – 40 °C until 60 °C.

for compression unions for metal pipes.

When using compression unions for copper and steel pipes, take into account the permissible temperature and pressure ratings according to EN 1254-2:1998, Table 5.

for plastic pipe connections

Plastic pipe connections are suitable for application classes 4 and 5 according to ISO 10508 (panel heating and radiator connection) as well as for pipes made of PE-RT (DIN 4721), PE-MDX (DIN 4724), PB and PE-X (DIN 4726) as well as plastic composite tubes (ÖNORM B 5157).

Operating temperature, resulting thereof: maximum 95 °C with 10 bar. It is the operators task, to regulate the operating **pressure Poper** and the operating **temperature Toper** in such a way that they are conforming to standards and that operational data of the pipe producer are respected.

Any deviations from this data are specially mentioned in the technical documentation.

Hand Wheel Colours

Hand wheels and plastic components are white, in case of pipe fittings they are red. When colours are different, this is specially mentioned. Special colours are available upon enquiry.

Documentation

Brochures, standard sheets and tender data sheets are available for all HERZ-Products and product groups. Your HERZ-Representatives will be glad to supply these materials upon request.

Order number

The seven-digit numbers include the former four-digit article number in bold print. The order number defines the valve to be ordered in terms of series, dimension, colour and model and is suitable for electronic data processing. You are kindly requested to use this number in your orders in order to rule out any confusion.

ean, VKE

The European Article Number (**ean**) is a thirteen-digit number featuring the country and manufacturer code – ean 90 04174, as well as the product code and check digit.

The ean is valid for one unit or one invoicing unit and not for the sales units (VKE = Verkaufseinheiten) specified. We will be glad to send you the ean list for sales units (**VKE**) upon request.

ARA

HERZ Armaturen is a licensee of the Austrian waste-recycling corporation ("Altstoff Recycling Austria Aktiengesellschaft") registered under licence number 2102. The waste disposal charge is paid on the basis of the licensing agreement.

Modifications

HERZ Armaturen reserves the right to make modifications necessitated by technological progress and/or market requirements, and to supply modified products without prior notice.

Tentative standard DIN V3838 "Euro cone", threaded connection G 3/4 A with inner cone

As the currently valid provisional standard, DIN V3838, can still be altered up to the time when the definitive standard comes into force, and the period up to when all products on offer correspond to the standard is not known, a mix of products from different manufacturers for the connection of fittings and compression adapters should be avoided for reasons of safety if any doubts should arise about their compatibility HERZ offers a comprehensive pipe connection programme and guarantees that current as well as future developments of HERZ compression connections are always an exact fit with HERZ fittings, so that combination with other brands of product is not necessary. As HERZ cannot assume any guarantee for other brands of products, combinations with other manufacturers' products are outside the HERZ guarantee.

Images

It is understood that images in the HERZ product ranges are symbolic representations and may therefore differ visually from the actual products.



ISO 9001 Certification

HERZ Armaturen Ges.m.b.H., A-1230V Vienna, has an effective quality management system in all divisions of the business, suitable for upholding all-important trust from customers. Proof has been furnished that the requirements according to **ÖNORM EN ISO 9001:2000** are fulfilled.